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“पुराने को छोड़ नये के तरफ”

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IS 6068 (1992): Textile machinery - Spinning machinery (preparatory to doubling) - Nomenclature [TXD 14: Machinery for Fabric Manufacture]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक
वस्त्रादि मशीनरी — कताई मशीनरी (प्रीपरेटरी से
डब्लिंग) — नाम-पद्धति
(पहला पुनरोक्षण)

Indian Standard

TEXTILE MACHINERY — SPINNING
MACHINERY (PREPARATORY TO
DOUBLING) — NOMENCLATURE

(*First Revision*)

UDC 677.052.6 : 001.4

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BUREAU OF INDIAN STANDARDS
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NEW DELHI 110002

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Price Group 2

FOREWORD

This Indian Standard (Part 6) was adopted by the Bureau of Indian Standards, after the draft finalized by the Spinning Preparatory, Spinning and Doubling (Twisting) Machinery Sectional Committee had been approved by the Textile Division Council.

This standard was first published in 1970 with the intention of eliminating ambiguity arising from local interpretation of terms pertaining to spinning machinery and has been revised in order to align it with ISO 2187 : 1990 'Spinning preparatory machinery, spinning and doubling (twisting) machinery — List of equivalent terms'.

The sequence of machines covered in this standard is not necessarily in the order in which they are used in the mills.

For glossary of terms relating to drafting in spinning machinery, reference may be made to IS 4474 : 1967 'Glossary of terms relating to drafting in spinning machinery'.

*Indian Standard***TEXTILE MACHINERY — SPINNING
MACHINERY (PREPARATORY TO
DOUBLING) — NOMENCLATURE***(First Revision)***1 SCOPE**

This standard covers nomenclature of spinning machinery (preparatory to doubling) for the following:

- a) Cotton system.
- b) Worsted system.
- c) Semi-worsted system.
- d) Woollen system.
- e) Machines for man-made fibres.
- f) Special machines.

2 NOMENCLATURE**2.1 Cotton System****2.1.1 Bale Digester****2.1.2 Blending Bale Opener****2.1.3 Hopper Feeder****2.1.3.1 Weighing hopper feeder****2.1.4 Blending Hopper and Automatic Mixer****2.1.5 Cleaner****2.1.5.1 Step cleaner****2.1.6 Opener****2.1.7 Scutcher****2.1.8 Chute Feed for Cards****2.1.9 Blowroom Condenser****2.1.10 Flat Card****2.1.11 Roller and Cleaner Card****2.1.12 Sliver Lap Machine****2.1.13 Ribbon Lap Machine****2.1.14 Sliver Doubling Machine (Lap Former)****2.1.15 Comber****2.1.16 Draw-Frame****2.1.17 Autoleveller Draw Frame****2.1.18 Speed Frame (Roving Frame)****2.1.19 Ring Spinning Frame****2.1.20 Wrap Spinning Frame****2.1.21 Rotor Spinning Machine****2.1.22 Friction Spinning Machine****2.1.23 Pneumatic Spinning Machine****2.1.24 Winding Machine****2.1.25 Doubling Machine****2.1.26 Ring Twisting Frame (Ring Doubling Frame)****2.1.27 Two-for-one Twister****2.1.28 Step Twisting Frame****2.2 Worsted System****2.2.1 Feeder for Wool****2.2.2 Opener for Wool****2.2.3 Scourer****2.2.4 Dryer****2.2.5 Oiler****2.2.6 Teaser (Cockspur and Picker)****2.2.7 Hopper Feeder****2.2.7.1 Weighing hopper feeder****2.2.7.2 Chute hopper feeder****2.2.8 Worsted Card****2.2.9 Comber****2.2.10 Backwash****2.2.11 Gillbox (or Gill)****2.2.12 Intersecting Gillbox****2.2.13 Porcupine Draw Box****2.2.14 Melange Gillbox**

2.2.15 *Autoleveller Gillbox*

2.2.16 *Rubber Drawing*

2.2.17 *Flyer Frame (Cone Rover)*

2.2.18 *Ring Spinning Frame*

2.2.19 *Wrap Spinning Frame*

2.2.20 *Rotor Spinning Machine*

2.2.21 *Friction Spinning Machine*

2.2.22 *Pneumatic Spinning Machine*

2.2.23 *Winding Frame*

2.2.24 *Doubling Machine*

2.2.25 *Ring Twisting Frame (Ring Doubling Frame)*

2.2.26 *Two-for-one Twister*

2.2.27 *Step Twisting Frame*

2.3 Semi-Worsted System

2.3.1 *Carding Willow*

2.3.2 *Mixing Chamber (Blending Box)*

2.3.3 *Opener*

2.3.4 *Card*

2.3.5 *Intersecting Gillbox*

2.3.6 *Melange Gillbox*

2.3.7 *Autoleveller Gillbox*

2.3.8 *Porcupine Drawing Frame*

2.3.9 *Ring Spinning Frame with Suppressed Balloon Spindles*

2.3.10 *Wrap Spinning Machine*

2.3.11 *Rotor Spinning Machine*

2.3.12 *Friction Spinning Machine*

2.3.13 *Pneumatic Spinning Machine*

2.3.14 *Winding Frame*

2.3.15 *Doubling Machine*

2.3.16 *Ring Twisting Frame*

2.3.17 *Two-for-one Twister*

2.4 Woollen System

2.4.1 *Carding Willow*

2.4.2 *Wool Carbonizing Line*

2.4.3 *Mixing Chamber (Blending Box)*

2.4.4 *Hopper Feeder*

2.4.4.1 *Weighing hopper feeder*

2.4.4.2 *Chute hopper feeder*

2.4.5 *Scribbler*

2.4.6 *Intermediate*

2.4.7 *Carder*

2.4.8 *Mule*

2.4.9 *Ring Spinning Frame*

2.4.10 *Rotor Spinning Machine*

2.4.11 *Friction Spinning Machine*

2.4.12 *Pneumatic Spinning Machine*

2.4.13 *Winding Frame*

2.4.14 *Doubling Machine*

2.4.15 *Ring Twisting Frame (Ring Doubling Frame)*

2.4.16 *Two-for-one Twister*

2.5 Machines for Man-Made Fibres

2.5.1 *Spinning Machine*

2.5.1.1 *Solvent spinning machine, solution spinning machine*

a) *Wet spinning machine*

b) *Dry spinning machine*

2.5.1.2 *Melt spinning machine, melt spinning line*

2.5.1.3 *Spindrawing machine*

2.5.1.4 *Spindraw-texturing machine*

2.5.2 *Take-up Machine (or Wind-up Machine)*

2.5.3 *Drawing Machine*

2.5.3.1 *Draw twister*

2.5.3.2 *Draw winder*

2.5.3.3 *Warp stretching frame*

2.5.3.4 *Cable draw frame*

a) *Tow draw frame with crimper and cutter*

b) *Tow draw frame for converter cable*

2.5.4 *Twisting Machine*

2.5.4.1 *Uptwister*

2.5.4.2 *Two-for-one Twister*

2.5.4.3 *Ringtwister*

2.5.5 *Texturing Machine*

2.5.5.1 *False-twist texturing machine*

2.5.5.2 *Draw texturing machine*

2.5.5.3 *Jet texturing machine*

2.5.5.4 *Crimp texturing machine*

2.5.5.5 *Knit-deknit texturing machine*

2.6 Special Machines

2.6.1 *Teaser*

2.6.2 *Willow*

2.6.3 *Roving Waste Breaker*

2.6.4 *Hard Waste Breaker*

2.6.5 *Preparing Machine*

2.6.6 *Garnetting Machine*

2.6.7 *Card for Man-Made Fibres*

2.6.8 *Stretch Breaking Converter (Tow to Fibre Converter)*

2.6.9 *Cable Cutter*

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TO
IS 6068 : 1992 TEXTILE MACHINERY — SPINNING
MACHINERY (PREPARATORY TO DOUBLING) —
NOMENCLATURE

(First Revision)

(Page 1, clause 2.1.2) — Insert the following after 2.1.2:

‘2.1.2.1 Automatic bale opener/blendomat/bale plucker/multiple bale cleaner’

(Page 1, clause 2.1.4) — Insert the following after 2.1.4:

‘2.1.4.1 Multimixer/automixer’

(Page 1, clause 2.1.9) — Insert the following after 2.1.9:

‘2.1.9.1 Dust extractor/dust filter/dedusting machine’

(Page 1, clause 2.1.10) — Insert the following after 2.1.10:

‘2.1.10.1 Tandem flat card’

(Page 1, clause 2.1.23) — Insert the following after 2.1.23:

‘2.1.23.1 Airjet spinning machine’

(Page 3, clause 2.6.9) — Insert the following after 2.6.9:

‘2.6.10 Braiding Machine’

(TX 15)